

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

JC
JCWSCS 20 APR 2004

04/20/2004 11:54 FAX 630 499 2655

CABOT MICRO

001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket No. 100213)

First Inventor: Yuchun WANG

Serial No.: 10/753,269

Filing Date: 08-Jan-04

Title: INTEGRATED POLISHING AND
ELECTROLESS DEPOSITION

Certificate of Facsimile Transmission

I, Mariejose Monsalve, hereby certify that this paper and enclosure(s), if any, are hereby being transmitted to the USPTO's Office of Initial Patent Examination's facsimile No. (703) 748-9195 on 20 APR 2004.



(Sender's signature)

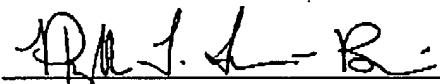
REQUEST TO CORRECT FILING RECEIPT

Mail Stop Filing Receipt and Corrections
Office of Initial Patent Examination
Commissioner for Patents
P.O. Box 1450
Alexandria, VA, 22313-1450

Sir/Madam:

Applicant hereby requests this authority correct the filing date accorded to the captioned application to reflect the date on which the application papers were actually deposited with the US Postal Service as "Express Mail" (08-Jan-04). Enclosed are copies of USPS records indicating the correct "Date-in" (Acceptance) of Applicant's shipment. Also enclosed are a marked-up copy of the original Filing Receipt and a copy of the Transmittal Letter wherein the Tracking No. (EV336876101US) is clearly shown.

Respectfully submitted,

By 
Phyllis T. Turner-Brim
Attorney for Applicant(s)
Reg. No. 39,864

CABOT MICROELECTRONICS CORPORATION
870 NORTH COMMONS DRIVE
AURORA, IL 60504
TEL. (630) 375-5465



Track & Confirm

Shipment Details

You entered EV33 6876 101U S

Your item was delivered at 10:41 am on January 09, 2004 in ALEXANDRIA, VA 22313 to PATENT OFFICE. The item was signed for by A TAITANO.

Here is what happened earlier:

- ARRIVAL AT UNIT, January 09, 2004, 8:21 am, DULLES, VA 20102
- ■ ACCEPTANCE, January 08, 2004, 4:52 pm, CHICAGO, IL 60601

Notification Options

- ▶ Track & Confirm by email [What is this?](#) [Go>](#)
- ▶ Request Proof of Delivery [What is this?](#) [Go>](#)



POSTAL INSPECTORS
Preserving the Trust

[site map](#) [contact us](#) [government services](#)
Copyright © 1999-2002 USPS. All Rights Reserved. [Terms of Use](#) [Privacy Policy](#)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

APPL. NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY/DOCKET NO.	DRAWINGS	TOT CLMS	IND CLMS
10/753,269	01/09/2004	2812	914	100213		28	1

01/08/2004

29050

PHYLLIS T. TURNER-BRIM, ESQ., LAW DEPARTMENT
 CABOT MICROELECTRONICS CORPORATION
 870 NORTH COMMONS DRIVE
 AURORA, IL 60504

CABOT MICROELECTRONICS

RECEIVED

APR 13 2004

FILING RECEIPT



0000000012353728

LAW DEPARTMENT

Date Mailed: 04/14/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Yuchun Wang, Naperville, IL;

Assignment For Published Patent Application

Cabot Microelectronics Corporation, Aurora, IL;

Domestic Priority data as claimed by applicant**Foreign Applications****If Required, Foreign Filing License Granted:** 04/14/2004**Projected Publication Date:** 07/14/2005**Non-Publication Request:** No**Early Publication Request:** No**Title**

Integrated polishing and electroless deposition

Preliminary Class

438

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related application(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		Attorney Docket No. 100213 LVM Reference No. 223961 First Inventor Yuchun WANG Title INTEGRATED POLISHING AND ELECTROLESS DEPOSITION Express Mail Label No. EV 336876101 US		
APPLICATION ELEMENTS		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450		
1. <input checked="" type="checkbox"/> Utility Patent Application Transmittal Form 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification (including claims and abstract) [Total Pages 14] 4. <input type="checkbox"/> Drawings [Total Sheets] 5. <input checked="" type="checkbox"/> Combined Declaration and Power of Attorney [Total Pages 2] a. <input checked="" type="checkbox"/> Newly executed b. <input type="checkbox"/> Copy from prior application [Note Box 6 below] i. <input type="checkbox"/> Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in the prior application 6. <input type="checkbox"/> Incorporation by Reference: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b is considered as part of the disclosure of the accompanying application and is hereby incorporated by reference. 7. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 8. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 9. Nucleotide and/or Amino Acid Sequence Submission a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper Copy c. <input type="checkbox"/> Statement verifying identity of above copies		ACCOMPANYING APPLICATION PARTS 10. <input type="checkbox"/> Applicant requests early publication. (include publication fee under 37 CFR 1.18(d)) 11. <input type="checkbox"/> Assignment Papers (cover sheet and document(s)) 12. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an Assignee) 13. <input type="checkbox"/> Power of Attorney 14. <input type="checkbox"/> English Translation Document (if applicable) 15. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of Listed Documents 16. <input type="checkbox"/> Preliminary Amendment 17. <input checked="" type="checkbox"/> Return Receipt Postcard (Should be specifically itemized) 18. <input type="checkbox"/> Claim of Priority & Certified Copy of Priority Document(s) 19. <input type="checkbox"/> Request & Certification Under 35 USC 122(b)(2)(B)(i) (Form PTO/SB/35 or its equivalent must be submitted with this application to prevent publication at 18 months) 20. <input type="checkbox"/>		
21. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part of prior application no. _____ Prior application information: Examiner _____ Group Art Unit: _____				
APPLICATION FEES				
BASIC FEE			\$770.00	
CLAIMS		NUMBER FILED	NUMBER EXTRA	
Total Claims		28 -20=	8	
Independent Claims		1 - 3=	0	
<input type="checkbox"/> Multiple Dependent Claim if applicable			+\$290.00	
Total of above calculations =			\$914.00	
Reduction by 50% for filing by small entity =			\$()	
<input type="checkbox"/> Assignment fee if applicable			+ \$40.00	
<input type="checkbox"/> Early publication fee if applicable			+ \$300.00	
			TOTAL =	\$914.00

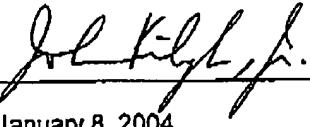
UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 100213
LVM Reference No. 223961

22. Please charge my Deposit Account No. 12-1216 in the amount of \$914.00.
23. A check in the amount of \$ _____ is enclosed.
24. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 12-1216:
- a. Fees required under 37 CFR 1.16.
 - b. Fees required under 37 CFR 1.17.
25. The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 12-1216 for any fee that may be due in connection with such a request for an extension of time.

26. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number: 23460 23460	<input checked="" type="checkbox"/> Customer Number 29050 Phyllis T. Turner-Brim, Reg. No. 39864 Cabot Microelectronics Corporation P.O. Box 2026 Aurora, Illinois 60507-2026 Telephone: (630) 375-5465 Facsimile: (630) 499-2654
--	---

Name	John Kilyk, Jr., Registration No. 30,763
Signature	
Date	January 8, 2004

Certificate of Mailing Under 37 CFR 1.10

I hereby certify that this Utility Patent Application Transmittal and all accompanying documents are being deposited with the United States Postal Service "Express Mail Post Office To Addressee" Service under 37 CFR 1.10 on the date indicated below and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

John Kilyk, Jr.		January 8, 2004
Name of Person Signing	Signature	Date